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DIALOG(R)File 351:Derwent WPI
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Monoclonal antibodies to human interferon alpha-1 - produced by specified
hybridoma cell lines

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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DD 279266	A	19900530	DD 324770	A	19890102	199044 B
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Priority Applications (No Type Date): DD 324770 A 19890102

Abstract (Basic): DD 279266 A

Prodn. of monoclonal antibodies against human interferon alpha-1
(I) is effected by immunising Balb/c mice with (I), fusing the mouse
spleen cells with SP2/O myeloma cells in the presence of polyethylene
glycol, selecting the resulting hybridoma, determining their
specificity by sandwich immunoassay or antibody inhibition tests,
selecting the specific hybridomas IV H2 (ZIM 0396), V DII (ZIM 0397) or
V D5 (ZIM 0399), and culturing the hybridomas in vitro or in VIVO.

USE/ADVANTAGE - The antibodies are useful in biotechnical analysis
and medical diagnosis, and for purifying (I) by affinity
chromatography. The antibodies recognise different epitopes from the
known anti-(I) antibody II GII (ZIM 0087), and are not cross-reactive
with other human interferon alpha subtypes (e.g. alpha-2).

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Derwent Class: B04; D16

International Patent Class (Additional): A61K-039/39; C12N-005/02